Statistical Supplement

for
year
ending
December 31,
1947

JERSEY CENTRAL
LINES

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THIS report includes accounts and statistics for The Central Railroad Company of New Jersey, the Central Railroad Company of Pennsylvania, the Wharton and Northern Railroad Company, and Mount Hope Mineral Railroad Company, which are known collectively as the Jersey Central Lines. Tables dealing with the four railroads collectively are headed Jersey Central Lines, while those dealing only with the individual railroads are so designated.

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The Central Railroad Company of New Jersey

Income Account

	1947
Freight	$28,736,052.70
Passenger	5,947,841.41
Baggage	1,266.26
Parlor and Chair Car	9,661.18
Mail	208,353.67
Express	503,220.24
Other Passenger Train	60,020.09
Milk	4,020.67
Switching	62,520.02
Water Transfer—Freight	9,552.46
Water Transfer—Passenger	55,897.64
Water Transfer—Vehicles and Live Stock	255,180.63
Water Transfer—Other	13,311.80
Dining and Buffet	55,077.16
Hotel and Restaurant	222,115.81
Station and Train Privileges	180,192.58
Parcel Room	6,354.40
Storage—Freight	94,937.98
Storage—Baggage	492.10
Demurrage	539,695.19
Telegraph and Telephone	3,780.45
Rents of Buildings and Other Property	132,701.38
Miscellaneous	445,206.27
Joint Facility—Cr.	19,721.42
Joint Facility—Dr.	1,284.96
Total Operating Revenues	$37,565,888.55

MAINTENANCE OF WAY AND STRUCTURES
ROADWAY AND TRACK

Roadway Maintenance	$ 282,336.70
Ties	253,449.70
Rails	106,023.08
Other Track Material	195,682.82
Ballast	30,191.81
Track Laying and Surfacing	1,051,285.72
Fences, Snowsheds and Signs	13,225.28
Roadway Machines	25,184.43
Small Tools and Supplies	43,778.68
Removing Snow, Ice and Sand	298,420.93
Total	$ 2,299,579.15

BRIDGES AND STRUCTURES

Tunnels and Subways	$ -
Bridges, Trestles and Culverts	259,822.27
Station and Office Buildings	335,723.23
Roadway Buildings	2,141.49
Water Stations	31,065.58
Fuel Stations	36,527.34
Shops and Engine Houses	152,130.18
Wharves and Docks	165,488.54
Coal and Ore Wharves	87,148.41
Power Plants	8,432.28
Power—Transmission Systems	22,681.71
Miscellaneous Structures	-
Total	$ 1,101,161.03

OTHER

Superintendence	$ 290,691.51
Telegraph and Telephone Lines	29,679.23
Signals and Interlockers	402,593.62
Public Improvements—Maintenance	68,198.81
Injuries to Persons	14,874.46
Insurance	27,420.43
Stationery and Printing	3,065.96
Other Expenses	* 87,367.51
Total	$ 749,156.51

* Denotes Credit.

Income Account (Continued)

	1947
RETIREMENTS, DEPRECIATION AND RESERVES	
Road Property—Depreciation	$ 863,687.98
Retirements—Road	213,161.79
Deferred Maintenance-Way and Structures	* 174,313.48
Dismantling Retired Road Property	77,499.26
Road-Amortization of Defense Projects	2,722.80
Total	$ 982,758.35
JOINT FACILITIES	
Maint. Jt. Trks., Yds., and Other Facil.—Dr.	$ 334,122.47
Maint. Jt. Trks., Yds., and Other Facil.—Cr.	44,379.08
Total	$ 289,743.39
Total Maintenance of Way and Structures	$ 5,422,398.43
MAINTENANCE OF EQUIPMENT DIRECT EXPENSES	
Superintendence	$ 215,538.97
Shop Machinery	79,263.09
Power-Plant Machinery	75,721.23
Steam Locomotives—Repairs, Classified	854,643.45
Steam Locomotives—Repairs, Running	1,532,802.61
Steam Locomotives—Repairs, Total	2,387,446.06
Other Locomotives—Repairs	341,120.86
Freight-Train Cars—Repairs	908,043.26
Passenger-Train Cars—Repairs	742,187.40
Floating Equipment—Repairs	704,018.95
Work Equipment—Repairs	87,274.60
Miscellaneous Equipment—Repairs	8,748.60
Injuries to Persons	80,091.40
Insurance	29,431.45
Stationery and Printing	8,873.86
Other Expenses	2,945.99
Total	$ 5,670,705.72
RETIREMENTS, DEPRECIATION AND RESERVES	
Shop and Power-Plant Machinery—Depreciation	$ 59,169.26
Dismantling Retired Shop and Power Plant Machinery	214.26
Dismantling Retired Equipment	13,992.78
Retirements—Equipment	* 2,446.04
Equipment—Depreciation	835,035.44
Equipment—Amortization of Defense Projects	-
Deferred Maintenance—Equipment	* 10,126.49
Total	$ 895,839.21
JOINT FACILITIES	
Joint Maintenance of Equipment Expenses—Dr.	$ # 5,138.39
Joint Maintenance of Equipment Expenses—Cr.	* 1,172.30
Total	$ 6,310.69
Total Maintenance of Equipment	$ 6,572,855.62
TRAFFIC	
Superintendence	$ 263,642.46
Outside Agencies	235,484.04
Advertising	64,692.28
Traffic Associations	21,641.20
Insurance	419.17
Stationery and Printing	29,487.27
Other Expenses	* 1,894.80
Total Traffic	$ 613,471.62
TRANSPORTATION SUPERVISING TRANSPORTATION	
Superintendence	$ 269,340.07
Dispatching Trains	108,699.87
Total	$ 378,039.94

* Denotes credit.
# Denotes Reverse.

Income Account (Continued)

	1947
STATION SERVICE	
Station Employes—Elizabethport Transfer	$ 404,168.55
Station Employes—Other Platform Forces	113,517.15
Station Employes—Lighterage	477,260.57
Station Employes—Other Freight	1,162,982.06
Station Employes—Passenger	1,044,484.26
Station Employes—Total	3,202,412.59
Weighing, Inspection and Demurrage Bureaus	21,458.39
Coal and Ore Wharves	436,275.97
Station Supplies and Expenses	424,013.73
Total	$ 4,084,160.68
YARD SERVICE	
Yardmasters and Yard Clerks	$ 491,095.27
Yard Conductors and Brakemen—Freight	1,443,671.50
Yard Conductors and Brakemen—Passenger	138,779.87
Yard Conductors and Brakemen—Adjustments	16,537.05
Yard Conductors and Brakemen—Total	1,598,988.42
Yard Switch and Signal Tenders	61,949.47
Yard Enginemen—Freight	537,923.72
Yard Enginemen—Passenger	59,483.24
Yard Enginemen—Adjustments	294.36
Yard Enginemen—Total	597,701.32
Yard Motormen—Freight	414,266.39
Yard Motormen—Passenger	31,162.87
Yard Motormen—Total	445,429.26
Yard Switching Fuel	476,672.19
Water for Yard Locomotives	49,247.67
Lubricants for Yard Locomotives	13,961.85
Other Supplies for Yard Locomotives	4,152.28
Enginehouse Expenses—Yard	181,972.38
Yard Supplies and Expenses	28,203.27
Oper. Jt. Yards and Terminals—Dr.	62,882.23
Oper. Jt. Yards and Terminals—Cr.	17,291.07
Total	$ 3,994,964.54
ROAD ENGINE SERVICE	
Train Enginemen—Freight	$ 656,009.08
Train Enginemen—Passenger	668,010.57
Train Enginemen—Adjustments	10,259.69
Train Enginemen—Total	1,334,279.34
Train Motormen—Freight	38,542.25
Train Motormen—Passenger	99,092.44
Train Motormen—Total	137,634.69
Train Fuel—Freight	1,178,015.44
Train Fuel—Passenger	1,059,076.47
Train Fuel—Total	2,237,091.91
Water for Train Locomotives	202,164.43
Lubricants for Train Locomotives	58,771.79
Other Supplies for Train Locomotives	28,202.90
Enginehouse Expenses—Train	767,096.65
Total	$ 4,765,241.71
TRAIN SERVICE	
Trainmen—Freight	$ 723,163.22
Trainmen—Passenger	1,111,312.98
Trainmen—Adjustments	175,841.42
Trainmen—Total	2,010,317.62
Train Supplies and Expenses—Other	896,615.19
Train Supplies and Expenses—Total	896,615.19
Total	$ 2,906,932.81

Income Account (Continued)

	1947
CASUALTIES	
Clearing Wrecks	$ 25,690.79
Damage to Property	13,238.37
Damage to Live Stock on Right of Way	7.38
Loss and Damage—Freight	269,033.86
Loss and Damage—Baggage	362.72
Injuries to Persons	269,945.73
Total	$ 578,278.85
MISCELLANEOUS	
Signal and Interlocker Operation	$ 459,153.72
Crossing Protection	293,656.44
Drawbridge Operation	52,616.02
Telegraph and Telephone Operation	83,745.98
Operating Floating Equipment—Passenger	605,384.26
Operating Car Floats—Freight	451,008.65
Operating Lighters—Freight	971,534.31
Operating Floating Equipment—Total	2,027,927.22
Stationery and Printing	65,574.72
Other Expenses	* 516,974.54
Other Expenses—Adjustments	* 94,947.88
Other Expenses—Total	* 611,922.42
Oper'g Joint Tracks and Facilities—Dr.	397,694.57
Oper'g Joint Tracks and Facilities—Cr.	43,987.19
Insurance	140,813.28
Total	$ 2,865,272.34
Total Transportation	$19,572,890.87
MISCELLANEOUS OPERATIONS	
Dining and Buffet Service	$ 81,515.45
Hotels and Restaurants	200,970.31
Total Miscellaneous Operations	$ 282,485.76
GENERAL	
Salaries and Expenses of General Officers	$ 183,389.90
Salaries and Expenses of Clerks and Attendants	1,084,143.94
General Office Supplies and Expenses	77,684.28
Law Expenses	189,277.91
Insurance	550.53
Pensions	43,065.71
Stationery and Printing	45,942.16
Valuation Expenses	914.13
Other Expenses	60,654.53
General Joint Facilities—Dr.	16,252.50
General Joint Facilities—Cr.	-
Total General	$ 1,701,875.59
Total Operating Expenses	$34,165,977.89
Net Revenue from Railway Operations	$ 3,399,910.66
Railway Tax Accruals:	
New Jersey Property	$ 2,705,038.17
New Jersey Franchise	38,668.59
Federal Income	852.89
Pay Rolls	1,970,135.05
Other	132,233.57
Total Taxes	$ 4,846,928.27
Hire of Equipment—Cr.	
Freight Cars	$ 1,452,241.52
Locomotives	95,740.52
Passenger-Train Cars	138,332.59
Floating Equipment	11,560.31
Work Equipment	11,197.18
Total	$ 1,709,072.12

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* Denotes credit.

Income Account (Continued)

	1947
Hire of Equipment—Dr.	
Freight Cars	$ 4,374,247.31
Locomotives	146,787.26
Passenger-Train Cars	155,281.33
Floating Equipment	145,104.34
Work Equipment	1,937.59
Total	$ 4,823,357.83
Hire of Equipment—Net	$*3,114,285.71
Joint Facility Rent Income	$ 107,835.25
Joint Facility Rents	469,632.97
Joint Facility Rents—Net	$* 361,797.72
Net Railway Operating Income	$#4,923,101.04
NON-OPERATING INCOME	
Income from Lease of Road and Equipment	$ 3,229,822.92
Miscellaneous Rent Income	218,033.28
Miscellaneous Nonoper'g Phys, Property	80,830.91
Separately Operated Properties—Profit	4,833.89
Dividend Income	369,944.00
Income from Funded Securities	242,330.25
Income from Unfunded Sec. and Accounts	27,196.27
Income from Sinking & Other Res. Funds	65,919.63
Miscellaneous Income	15,208.94
Delayed Income Credits	75,408.22
Total Income	$# 593,572.73
MISCELLANEOUS DEDUCTIONS FROM INCOME	
Miscellaneous Rents	$ 6,121.33
Miscellaneous Tax Accruals	83,439.90
Maintenance of Investment Organization	160.00
Miscellaneous Income Charges	9,933.58
Total	$ 99,654.81
Available for Fixed Charges	$# 693,227.54
FIXED CHARGES	
Rent for Leased Roads & Equipment	$ 56,434.84
Interest on Funded Debt	
Interest on General Mortgage Bonds	2,386,650.00
Interest on Cond'l Purchase Agreements	4,377.65
Interest on Unfunded Debt	7,823.94
Total Fixed Charges	$ 2,455,286.43
Net Income	$ #3,148,513.97

# Denotes deficit. * Denotes debit.

Transportation Statistics

Locomotive, Train, Car & Ton Mileage

TRAIN MILES	1947
Freight	1,001,374
Passenger	2,500,680
Total Revenue Service	3,502,054
Work	68,791
Total Train Miles	3,570,845

LOCOMOTIVE MILES	
Freight-Principal, Helper and Light	1,264,186
Passenger-Principal, Helper and Light	2,713,554
Yard Switching, Steam	1,231,143
Yard Switching, Diesel	1,031,149
Yard Switching, Total	2,262,292
Train Switching	643,268
Work	132,349
Total Locomotive Miles	7,015,649

CAR MILES	
Freight, Loaded	38,714,261
Freight, Empty	18,973,077
Freight, Caboose	977,657
Total Freight	58,664,995
Passenger	15,311,225
Total Revenue Service	73,976,220
Work	42,259
Total Car Miles	74,018,479

TON MILES (Thousands)	
Gross Ton Miles, Freight	2,820,914
Net Ton Miles, Freight	1,472,395

OPERATING PERFORMANCE

MAINTENANCE:	
Cost of Maintenance of Way (Track Accounts Only) per Equivalent Track Mile	$ 2,123.89
Percent of Total Locomotives out of Service for Repairs	21.6
Percent of Total Passenger Cars out of Service for Repairs	9.2
Percent of Total Freight Cars out of Service for Repairs	8.02
Cost of Locomotive Repairs per Locomotive Mile, Classified	$ .161
Cost of Locomotive Repairs per Locomotive Mile, Running	$ .290
Cost of Locomotive Repairs per Locomotive Mile, Total	$ .451

STATIONS:	
Cost per Ton of Freight Handled—Elizabethport Transfer	$ 1.50
Cost per Ton of Freight Handled—Lighterage	$ .698

FREIGHT TRAINS:	
Average Net Train Load	1,514
Average Gross Train Load	2,901
Average Train Speed	12.7
Gross Ton Miles per Train Hour	35,896
Pounds of Coal per 1,000 Gross Ton Miles	165
Cost of Fuel per 1,000 Gross Ton Miles	$ .492
Cost of Wages per 1,000 Gross Ton Miles	$ .500

PASSENGER TRAINS:	
Average Cars per Train	6.12
Cost of Fuel and Wages per Train Mile	$ 1.18

Transportation Statistics

OPERATING PERFORMANCE—Continued

	1947
FREIGHT CARS:	
Net Tons per Loaded Car	38.0
Percent Net to Gross	52.2
Percent Loaded to Total Car Mile	67.1
Car Miles per Car Day (of Cars in Service)	15.5
Net Ton Miles per Car Day (of Cars in Service)	383
LOCOMOTIVES:	
Pounds of Coal per Locomotive Mile, Freight	207
Pounds of Coal per Locomotive Mile, Passenger	149
Pounds of Coal per Locomotive Mile, Yard	107
Locomotive Miles per Train Mile, Freight	1.26
Locomotive Miles per Train Mile, Passenger	1.09
ENGINE HOUSE:	
Cost per Engine Handled	$ 8.90

REVENUE TRAFFIC STATISTICS

PASSENGER:	
Passengers	18,810,353
Passengers One Mile	369,304,890
Revenue per Passenger	$ .32
Revenue per Passenger Mile	$ .016
Average Haul per Passenger	19.6
FREIGHT:	
Tons	28,986,447
Tons One Mile	1,443,831,983
Average Revenue per Ton	$ .99
Average Revenue per Ton Mile	$ .020
Average Haul per Ton	49.8

Miles of Road and Track Operated — December 31, 1947

	Owned		Leased		Trackage Rights		Total		
	Main Line	Branches	Main Line	Branches	Main Line	Branches	Main Line	Branches	All
Miles of Road Operated	169.69	197.55		5.09	37.80	7.45	207.49	210.09	417.58
Second Main Track	72.82	27.96			37.48	1.61	110.30	29.57	139.87
Other Main Tracks	93.39	4.74					93.39	4.74	98.13
Passing Tracks, Crossovers and Turnouts	25.55	8.22		.92	.51	.06	26.06	9.20	35.26
Way Switching Tracks	52.91	47.74		1.94	34.56		87.47	49.68	137.15
Yard Switching Tracks	261.17	109.11		.77		1.00	261.17	110.88	372.05
Total Tracks Operated	675.53	395.32		8.72	110.35	10.12	785.88	414.16	1,200.04

Additions and Betterments

Year Ended December 31, 1947

ROAD OWNED AND LEASED	Gross Capital Charges	Retirements	Net Capital Charges
Rail and Other Track Material			
Betterment of Rail and Other Track Material	$ 100,651.16	$	$ 100,651.16
Bridges, Trestles and Culverts			
Renewal of Bridge 64/41, Toms River, N. J.	15,480.89		15,480.89
Renewal of Bridge 9/85, Summit Ave., Fanwood, N. J.	57,238.02	3,069.00	54,169.02
Renewal of Bridges 6/51 and 6/59 over Linnet St. and Broadway, Bayonne, N. J.	259,418.08		259,418.08
Signals and Interlocking Plants			
Changes at "RK" Tower, Bound Brook, N. J.	12,076.75		12,076.75
Modernizing Interlocking tower, Phillips St., Jersey City, N. J.	14,233.09		14,233.09
Installation of new crossing gates at White House and North Branch, N. J.	13,128.30		13,128.30
Respacing signals between Tower "C" and West 8th St., Bayonne, N. J.	25,873.45		25,873.45
Freight and Passenger Stations, etc.			
Construction of office at E. Ferry St., Newark, N. J.	6,855.18	140.00	6,715.18
Shop Buildings, Enginehouses and Appurtenances			
Installation of Diesel locomotive repair shop, Elizabethport, N. J.	8,224.69		8,224.69
Installation of Diesel locomotive shop, Jersey City, N. J.	7,879.61		7,879.61
Installation of Diesel facilities, Communipaw, N. J.	73,194.19		73,194.19
Installation of Diesel repair shop, Elizabethport, N. J.	46,312.11		46,312.11
Real Estate			
Acquisition of land in Elizabeth, N. J.	1,124,275.69		1,124,275.69
Miscellaneous	82,188.16		82,188.16
Retirements			
Bridges, Trestles and Culverts			
Retirement of Bridge 31/84, Bound Brook, N. J.		7,000.00	*7,000.00
Yard Tracks, Sidings and Industrial Tracks			
Retirement of passing siding, Ledgewood, N. J.		6,236.41	*6,236.41
Freight and Passenger Stations, etc.			
Retirement of foot bridge over West St., New York		166,528.18	*166,528.18
Retirement of Arlington Station		15,847.00	*15,847.00
Shop Buildings, Enginehouses and Appurtenances			
Retirement of crane at Ash pit, Communipaw, N. J.		7,298.00	*7,298.00
Real Estate			
Sale of land in Elizabeth, N. J.		7,352.40	*7,352.40
Miscellaneous		86,243.17	*86,243.17
Total Road Owned and Leased	$1,847,029.37	$ 299,714.16	$1,547,315.21

EQUIPMENT:	Gross Capital Charges	Retirements	Net Capital Charges
Additions and Betterments			
Installation of "A-B" air brakes on Freight Cars	$ 150,857.35	$	$ 150,857.35
Construction of 2 small car floats	58,413.55		58,413.55
Installation of telephone communication on Ferryboats	5,923.04		5,923.04
Miscellaneous Additions and Betterments	21,283.70		21,283.70
Retired Equipment			
Locomotives, Steam		2,196,208.44	*2,196,208.44
Freight Train Cars		630,716.39	*630,716.39
Passenger Train Cars		713,575.36	*713,575.36
Floating Equipment		519,787.77	*519,787.77
Work Equipment		4,473.79	*4,473.79
Total Equipment	$ 236,477.64	$4,064,761.75	*$3,828,284.11
Grand Total	$2,083,507.01	$4,364,475.91	*$2,280,968.90

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* Denotes credits.

Projects have been classified under the heading most descriptive of the nature of the work and of the major portion of the expenditure.

Equipment

LOCOMOTIVES	Number	December 31, 1947 Average Weight (Tons) Total	On Drivers	Average Tractive Power
4 Wheel Switch	1	56.2	56.2	22,272
6 Wheel Switch	60	77.3	77.3	34,930
8 Wheel Switch	55	122.0	122.0	56,810
Oil Electric Switch	31	105.8	105.8	52,914
10-Wheeler	64	107.2	81.4	35,667
12-Wheeler	1	112.2	86.0	39,564
Suburban	2	145.9	81.8	30,940
Consolidation	10	115.5	102.5	39,329
Atlantic	1	107.9	63.9	28,433
Pacific	21	158.8	98.6	45,979
Mikado	61	170.3	126.4	62,949
Total	307	36,938.6	31,017.6	14,494,229
Average		120.3	101.0	47,212

FREIGHT CARS	December 31, 1947 Number	Capacity (Tons)
Box	2,209	102,730
Automobile	-	-
Refrigerator	-	-
Coal	5,641	292,205
Gondola-Steel	497	30,490
Gondola (Steel Underframe)	2,188	129,360
Ore	43	1,935
Flat	-	-
Cement	176	11,840
Container	3	150
Caboose	144	-
Poling Cars	6	-
Total	10,907	568,710

PASSENGER CARS	Number December 31 1947
Coaches	433
Combination Passenger	47
Other Combination	13
Dining	2
Baggage and Express	58
Club	2
Total	555

MARINE EQUIPMENT	Number December 31 1947
Ferryboats	7
Tugboats	8
Steam Lighters	2
Other Lighers	37
Covered Barges	51
Car Floats	14
Water Pile Drivers	3
Launch	-
Total	122

WORK EQUIPMENT	
Cinder Cars	8
Business Cars	2
Locomotive Cranes	25
Pile Drivers	1
Work Cars	139
Total	175

Carload Revenue Freight Traffic

COMMODITY	1947		
	Carloads	Tons	Gross Revenue (Dollars)
PRODUCTS OF AGRICULTURE			
Corn	982	47,609	85,334
Flour, wheat	2,495	93,547	81,138
Flour, edible, N.O.S.	935	31,822	26,039
Mill Products, N.O.S.	2,082	73,028	87,309
Cotton in bales	1,192	30,714	29,742
Cotton linters, noils and regins	1,667	37,173	63,346
Bananas, fresh	5,384	68,160	101,062
Oranges and grapefruit	1,759	38,884	25,898
Coffee	1,693	49,396	35,913
Potatoes, other than sweet	5,464	115,670	123,546
Vegetables, fresh, N.O.S., not frozen	3,493	45,446	44,472
Malt, N.O.S.	2,051	86,275	39,528
Other products of agriculture	14,127	306,021	424,158
Total	43,324	1,023,745	1,167,485
ANIMALS AND PRODUCTS			
Fish and sea animal oil	1,355	39,431	56,647
Other animals and products	12,511	219,274	252,996
Total	13,866	258,705	309,643
PRODUCTS OF MINES			
Anthracite coal, N.O.S.	96,494	5,586,299	4,542,957
Bituminous coal	92,133	5,408,786	3,301,627
Coke	5,115	173,351	124,499
Iron ore	9,311	550,822	281,349
Ores and concentrates, N.O.S.	3,562	187,206	112,040
Clay and bentonite	3,491	143,063	96,381
Sand, industrial	5,884	312,327	307,619
Gravel and sand, N.O.S.	11,810	664,937	497,704
Stone and rock: Broken, ground and crushed	8,343	437,542	326,231
Asphalt	4,260	157,537	188,584
Salt	1,670	76,840	65,977
Phosphate rock	1,706	79,577	45,689
Other products of mines	7,209	314,061	301,480
Total	250,988	14,092,348	10,192,137
PRODUCTS OF FORESTS			
Posts, poles and piling, wooden	1,244	35,556	29,148
Lumber, shingles and lath	15,602	470,501	401,063
Box, crate and cooperage materials	1,446	34,452	27,191
Rosin and turpentine	1,467	38,503	31,315
Other products of forests	3,749	83,190	104,684
Total	23,508	662,202	593,401

Carload Revenue Freight Traffic (Continued)

COMMODITIES	1947		
	Carloads	Tons	Gross Revenue (Dollars)
MANUFACTURES AND MISCELLANEOUS			
Gasoline	3,438	100,418	129,749
Fuel, road, and petroleum residual oils, N.O.S.	7,720	247,031	325,336
Lubricating oils and greases	15,318	418,310	594,032
Petroleum products, refined, N.O.S.	12,008	350,413	533,059
Chemicals, N.O.S.	12,304	389,755	575,337
Sulphuric acid	4,454	225,683	248,988
Sodium (soda) products	11,977	478,947	602,671
Alcohol, N.O.S.	4,499	109,733	185,091
Fertilizers, N.O.S.	7,354	277,789	300,247
Paint, paint material, putty and varnish	4,338	117,787	163,529
Copper: Ingot, matte, and pig	3,870	201,163	205,901
Copper, brass, and bronze, N.O.S.	6,381	216,947	318,880
Lead and zinc: Bar, ingot and pig	2,814	139,538	141,115
Iron and steel nails and wire (woven and not woven), N.O.S.	3,439	103,767	130,796
Manufactured iron and steel	27,615	981,607	1,410,543
Iron and steel pipe and fittings, N.O.S.	5,691	162,684	217,636
Machinery and machines, N.O.S.	7,272	128,139	200,709
Cement: Natural and portland	17,164	863,542	1,116,066
Scrap paper and rags	10,034	166,655	187,301
Printing paper, N.O.S.	7,968	218,783	207,462
Paperboard, fibreboard and pulpboard	12,171	316,160	234,175
Building paper and prepared roofing material	6,825	182,058	198,097
Glass bottles, jars, and packing glasses, N.O.S.	15,317	333,598	669,088
Liquors, Malt	10,068	294,413	333,124
Food products, N.O.S., in cans and packages, not frozen	10,397	276,541	304,511
Feed, animal and poultry, N.O.S.	3,746	116,864	176,896
Containers, metal	10,624	101,571	225,694
Containers, returned empty	8,186	134,904	146,374
Scrap iron and scrap steel	18,088	666,185	721,427
Waste materials for remelting, N.O.S.	9,438	325,904	377,815
Waste materials, N.O.S.	5,549	204,477	158,486
Other manufactures and miscellaneous	139,881	3,376,950	4,241,017
Total	425,948	12,228,316	15,581,152
FORWARDER TRAFFIC (C.L.)			
Forwarder Traffic (C.L.)	11,361	206,452	266,819
Grand Total, Carload Traffic	768,995	28,471,768	28,110,637
Less than Carload Freight	x x x	514,679	1,191,495
Grand Total, Carload and L.C.L. Traffic	x x x	28,986,447	29,302,132

Securities

				Owned by Companies	
BONDS	Date of Maturity	Total Amount of Issue as of December 31 1947		Par Value	Book Value

The Central Railroad Company of New Jersey

Affiliated Companies

Allentown Terminal R.R.Co., 4-1/2% First Mortgage Gold Bonds	1954	$ 450,000.00		$ 205,000.00	$ 205,000.00
Dover and Rockaway R.R.Co., 6% First Mortgage Bonds	Demand *	35,000.00	H	35,000.00	35,000.00
New York and Long Branch R.R.Co., 4% Cons. Mtge. Gold Bonds, Series "B"	1981	2,782,000.00		1,391,000.00	1,391,000.00
New York and Long Branch R.R.Co., 5% Cons. Mtge. Gold Bonds, Series "A"	1979	538,000.00		269,000.00	269,000.00
Total		x x x		$ 1,900,000.00	$ 1,900,000.00

* Past Due

OTHER INVESTMENTS

The Central Railroad Company of New Jersey

New York City Bonds, 4%	1959			$ 50.00	$ 49.50
New York City Bonds, 3%	1980		A	72,400.00	73,931.00
New York City Bonds, 4-1/2%	1957		A	3,000.00	3,000.00
New York City Bonds, 4%	1956		A	300.00	297.00
New York City Bonds, 4-1/4%	1964		B	10,700.00	10,987.50
U.S. Government Treasury Notes, 1%, Series "B"	1948		G	837,000.00	837,000.00
U.S. Government Treasury Notes, 1-1/8%, Series "A"	1949		G	509,000.00	509,168.74
U.S. Government Treasury Notes, 1-1/2%, Series "A"	1948			4,000,000.00	4,040,390.63
U.S. Government Treasury Bonds, 1-3/4%	1948		G	350,000.00	352,812.51
U.S. Government Treasury Bonds, 2-1/2%	1962-67		E	200,000.00	200,000.00
U.S. Government Treasury Bonds, 1-3/4%	1948			4,000,000.00	4,070,703.13
U.S. Government Treasury Bonds, 2-1/2%	1962-67			600,000.00	600,000.00
U.S. Government Treasury Bonds, 2%	1948-50			5,000.00	5,000.00
U.S. Government Treasury Bonds, 2%	1949-51			10,000.00	10,000.00
U.S. Government Treasury Bonds, 2-1/4%	1956-59			629,000.00	637,059.06
U.S. Government Treasury Bonds, 2-1/2%	1967-72		C	5,000.00	5,104.69
U.S. Government Treasury Bonds, 2-1/2%	1967-72		F	10,000.00	10,331.25
U.S. Government Treasury Bonds, 2-1/2%	1967-72		C	10,000.00	10,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1954		E	30,000.00	30,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1954		E	50,000.00	50,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1955		E	100,000.00	100,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1956		E	100,000.00	100,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1953			50,000.00	50,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1954			20,000.00	20,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1958			100,000.00	100,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1959			100,000.00	100,000.00
U.S. Government Certificate of Indebtedness, 1%, Series "J"	1948		G	230,000.00	230,066.63
U.S. Government Certificate of Indebtedness, 7/8%, Series "A"	1948		G	100,000.00	100,031.55
U.S. Government Certificate of Indebtedness, 7/8%, Series "C"	1948		G	247,000.00	247,023.71
Total Central Railroad Company of New Jersey				$12,378,450.00	$12,502,956.90

Central Railroad Company of Pennsylvania

U.S. Government Certificate of Indebtedness, 7/8%, Series "F"	1948		I	$ 100,000.00	$ 100,000.00
U.S. Government Certificate of Indebtedness, 7/8%, Series "D"	1948		J	1,500,000.00	1,500,225.45
U.S. Government Certificate of Indebtedness, 7/8%, Series "F"	1948		J	400,000.00	400,000.00
U.S. Government Certificate of Indebtedness, 1%, Series "J"	1948		J	1,000,000.00	1,000,000.00
Total Central Railroad Company of Pennsylvania				$ 3,000,000.00	$ 3,000,225.45

Jersey Central Lines

Securities (Continued)

BONDS	Date of Maturity	Total Amount of Issue as of December 31		Owned by Companies Par Value	Owned by Companies Book Value

Wharton and Northern Railroad Company

BONDS	Date of Maturity	Total Amount of Issue as of December 31		Par Value	Book Value
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1953			$ 50,000.00	$ 50,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1954			100,000.00	100,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1956			100,000.00	100,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1958			100,000.00	100,000.00
U.S. Government Treasury Bonds, 1-3/4%	1948			142,000.00	144,309.54
U.S. Government Treasury Notes, 1-1/2%, Series "A"	1948			125,000.00	126,332.03
U.S. Government Certificate of Indebtedness, 7/8%, Series "E"	1948		K	33,000.00	33,002.75
U.S. Government Certificate of Indebtedness, 7/8%, Series "C"	1948		K	50,000.00	50,005.14
U.S. Government Certificate of Indebtedness, 7/8%, Series "D"	1948		K	100,000.00	100,017.34
Total Wharton and Northern Railroad Company				$ 800,000.00	$ 803,666.80

Mount Hope Mineral Railroad Company

BONDS	Date of Maturity	Total Amount of Issue as of December 31		Par Value	Book Value
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1955			$ 25,000.00	$ 25,000.00
U.S. Government Savings Bonds, 2-1/2%, Series "G"	1956			25,000.00	25,000.00
Total Mount Hope Mineral Railroad Company				$ 50,000.00	$ 50,000.00
Grand Total				$18,128,450.00	$18,256,849.15
Cash on deposit with New York State Insurance Fund			D	$ 1,175.00	$ 1,175.00
Cash on deposit with First National Bank of New York			G	5,648.05	5,648.05

A	Deposited with the City of New York Under Agreements	$75,700.00)	Included in account "Insurance and Other Funds"
B	Deposited with the State of New York (State Industrial Commission)	10,000.00)	
B	Deposited with the City of New York under agreements	700.00)	
C	Deposited with the Federal Reserve Bank of New York under agreements with U. S. Employes Compensation Commission.	10,000.00)	
C	Deposited with the State of New York (State Industrial Commission)	5,000.00)	
D	Deposits on annual premium for New York Workmen's Compensation Policy	1,175.00)	
E	Deposited with Company's Treasurer until disbursed in settlement of charges incurred for deferred maintenance	480,000.00	Included in account "Maintenance Funds"
F	Deposited with State of Massachusetts (Dep't of Industrial Accidents)	10,000.00	Included in account "Insurance and Other Funds"
G	Deposits in lieu of mortgage property sold	2,273,000.00	Included in account "Capital and Other Reserve Funds"
H	Deposited with Hudson Trust Co., Hoboken, N. J., Trustee under the Dover and Rockaway R. R. Mortgage.	8,000.00	Included in account "Capital and Other Reserve Funds"
I	Deposited with Company's Treasurer until disbursed in settlement of charges incurred for deferred maintenance	100,000.00	Included in account "Maintenance Funds"
J	Temporary cash investment	2,900,000.00	Included in account "Temporary Cash Investments"
K	Temporary cash investment	183,000.00	Included in account "Temporary Cash Investments"

Securities (Continued)

BONDS	Date of Maturity	Total Amount of Issue as of December 31, 1947	Owned by Company Par Value	Owned by Company Book Value
C. R. R. Co. of N. J. 4% General Mortgage Gold Bonds	1987	$ 5,000,000.00	$ 10,000.00	$ 10,000.00
C. R. R. Co. of N. J. 5% General Mortgage Gold Bonds	1987	44,998,000.00	1,257,000.00	1,257,000.00
			$1,267,000.00	$1,267,000.00
NOTES AND MORTGAGES				
Edroyal Corporation, 1-1/2%	On demand	$ 789,000.00	$ 789,000.00	$ 789,000.00
Penn Haven Realty Company, 4%	When called	40,000.00	40,000.00	40,000.00
Total Affiliated Companies			$ 829,000.00	$ 829,000.00

STOCKS	Total Amount of Issue as of December 31, 1947	Owned by Companies Par Value	Owned by Companies Book Value
Affiliated Companies			
Allentown Terminal R. R. Co.	$ 450,000.00	A $ 225,000.00	$ 225,000.00
American Dock and Improvement Co.	30,000.00	B 30,000.00	1,000.00
Bay Shore Connecting R. R. Co.	55,800.00	27,900.00	27,900.00
Central Railroad Co. of Pennsylvania F	1,830,100.00	D 1,830,100.00	1,830,100.00
Communipaw Central Land Co.	2,000.00	2,000.00	2,000.00
Dover and Rockaway R. R. Co.	150,000.00	C 75,000.00	79,000.00
Elizabethport and New York Ferry Co.	1,455.00	1,455.00	1,455.00
Edroyal Corporation	750,000.00	750,000.00	750,000.00
Hunter Run Water Co.	5,000.00	5,000.00	3,196.02
Jersey Central Transportation Co.	20,000.00	20,000.00	20,000.00
Mount Hope Mineral R. R. Co.	160,000.00	109,300.00	**
New York and Long Branch R. R. Co.	4,000,000.00	E 2,000,000.00	2,000,000.00
Ogden Mine R. R. Co.	450,000.00	450,000.00	67,500.00
Penn Haven Realty Co.	15,000.00	15,000.00	15,000.00
Railway Express Agency, Inc.		*	1,100.00
Wharton and Northern R. R. Co.	500,000.00	500,000.00	x 1,250,000.00
Total	x x x x	$6,040,755.00	$6,273,251.02
Other Investments			
Lehigh and Hudson River Ry. Co.	$4,707,000.00	$ 787,000.00	$ 748,287.20
Mahoning Coal R. R. Co.		1,500.00	15,150.00
Raritan River R. R. Co.	1,000,000.00	495,300.00	839,609.58
Newark Concrete Pipe Co. ⓧ		*	51.02
Total	x x x x	$1,283,800.00	$1,603,097.80
Grand Total	x x x x	$7,324,555.00	$7,876,348.82

* Without nominal or par value

** Included in amount shown as book value of Wharton and Northern R. R. Co.

x Includes book value of Mount Hope Mineral R. R. Co.

A	Pledged under General Mortgage	$ 225,000.00
B	Pledged under General Mortgage	30,000.00
C	Pledged under General Mortgage	45,000.00
D	Pledged under General Mortgage	1,830,100.00
E	Pledged under General Mortgage	2,000,000.00
		$4,130,100.00

F Name changed from Easton & Western R. R., Feb. 29th, 1944

ⓧ Owned by Wharton and Northern R. R. Co.

Central Railroad Company of Pennsylvania

Income Account

	1947
Freight	$17,558,494.14
Passenger	221,881.25
Baggage	294.99
Parlor and Chair Car	4,253.89
Mail	182,971.49
Express	153,397.97
Other Passenger Train	6,438.28
Milk	2,998.78
Switching	2,608.75
Dining and Buffet	25,570.15
Station and Train Privileges	2,914.30
Parcel Room	277.80
Storage—Freight	1,743.83
Storage—Baggage	23.82
Demurrage	16,800.45
Telegraph and Telephone	1,812.25
Rents of Buildings and Other Property	3,656.64
Miscellaneous	25,551.85
Joint Facility—Dr.	1,695.08
Total Operating Revenues	$18,209,995.55
MAINTENANCE OF WAY AND STRUCTURES **ROADWAY AND TRACK**	
Roadway Maintenance	$ 138,692.36
Ties	181,999.86
Rails	70,879.89
Other Track Material	116,381.81
Ballast	25,959.14
Track Laying and Surfacing	607,679.89
Fences, Snowsheds and Signs	2,246.49
Roadway Machines	7,313.55
Small Tools and Supplies	14,117.32
Removing Snow, Ice and Sand	70,117.91
Total	$ 1,235,388.22
BRIDGES AND STRUCTURES	
Tunnels and Subways	$ 14,755.13
Bridges, Trestles and Culverts	32,654.16
Station and Office Buildings	33,727.57
Roadway Buildings	1,180.52
Water Stations	11,617.15
Fuel Stations	10,294.72
Shops and Engine Houses	17,106.77
Power Plants	3,697.76
Power—Transmission Systems	3,040.71
Miscellaneous Structures	400.94
Total	$ 128,475.43
OTHER	
Superintendence	$ 91,285.09
Telegraph and Telephone Lines	9,560.79
Signals and Interlockers	139,504.67
Public Improvements—Maintenance	17,752.24
Injuries to Persons	2,080.49
Insurance	2,507.97
Stationery and Printing	1,262.42
Other Expenses	533.56
Total	$ 264,487.23
RETIREMENTS, DEPRECIATION AND RESERVES	
Road Property—Depreciation	$ 159,459.53
Retirements—Road	118.00
Deferred Maintenance-Way and Structures	* 77,187.45
Dismantling Retired Road Property	4,399.93
Total	$ 86,790.01
JOINT FACILITIES	
Maint. Jt. Trks., Yds., and Other Facil.—Dr.	$ 52,979.35
Maint. Jt. Trks., Yds., and Other Facil.—Cr.	170,285.09
Total	$ * 117,305.74
Total Maintenance of Way and Structures	$ 1,597,835.15

* Denotes credit.

Income Account (Continued)

	1947
MAINTENANCE OF EQUIPMENT	
DIRECT EXPENSES	
Superintendence	$ 48,595.90
Shop Machinery	1,986.95
Power-Plant Machinery	60,059.54
Steam Locomotives—Repairs, Classified	371,292.25
Steam Locomotives—Repairs, Running	754,737.10
Steam Locomotives—Repairs, Total	1,126,029.35
Other Locomotives—Repairs	42,884.89
Freight-Train Cars—Repairs	1,541,369.55
Passenger-Train Cars—Repairs	74,624.62
Work Equipment—Repairs	22,371.36
Miscellaneous Equipment—Repairs	2,539.29
Injuries to Persons	7,898.22
Insurance	6,224.33
Stationery and Printing	2,333.67
Other Expenses	380.45
Total	$ 2,937,298.12
RETIREMENTS, DEPRECIATION AND RESERVES	
Shop and Power-Plant Machinery—Depreciation	$ 21,116.09
Dismantling Retired Equipment	4,989.39
Retirements—Equipments	$ 3,306.88
Equipment—Depreciation	562,052.59
Equipment—Amortization of Defense Projects	-
Deferred Maintenance—Equipment	-
Total	$ 584,851.19
JOINT FACILITIES	
Joint Maintenance of Equipment—Expenses—Dr.	$ 68.62
Joint Maintenance of Equipment—Expenses—Cr.	68,769.70
Total	$ * 68,701.08
Total Maintenance of Equipment	$ 3,453,448.23
TRAFFIC	
Superintendence	$ 121,613.70
Outside Agencies	107,199.59
Advertising	14,665.43
Traffic Associations	8,240.05
Insurance	136.87
Stationery and Printing	13,565.18
Other Expense	39.86
Total Traffic	$ 265,460.68
TRANSPORTATION	
SUPERVISING TRANSPORTATION	
Superintendence	$ 132,607.11
Dispatching Trains	40,687.30
Total	$ 173,294.41
STATION SERVICE	
Station Employes—Other Platform Forces	$ 104,668.64
Station Employes—Other Freight	269,286.87
Station Employes—Passenger	91,769.50
Station Employes—Total	465,725.01
Weighing, Inspection and Demurrage Bureaus	5,589.89
Station Supplies and Expenses	23,761.52
Total	$ 495,076.42
YARD SERVICE	
Yardmasters and Yard Clerks	$ 273,559.44
Yard Conductors and Brakemen—Freight	612,504.64
Yard Conductors and Brakemen—Passenger	13,402.47
Yard Conductors and Brakemen—Adjustments	1,141.48
Yard Conductors and Brakemen—Total	627,048.59
Yard Switch and Signal Tenders	61,041.30
Yard Enginemen—Freight	331,463.90
Yard Enginemen—Passenger	1,054.04
Yard Enginemen—Total	332,517.94
Yard Motormen—Freight	87,624.07
Yard Motormen—Passenger	8,065.21
Yard Motormen—Total	95,689.28
Yard Switching Fuel	286,861.31
Water for Yard Locomotives	7,827.66
Lubricants for Yard Locomotives	5,236.23
Other Supplies for Yard Locomotives	3,796.46
Enginehouse Expenses—Yard	58,808.41
Yard Supplies and Expenses	19,819.49
Oper. Jt. Yards and Terminals—Dr.	23,302.92
Oper. Jt. Yards and Terminals—Cr.	585,107.93
Total	$ 1,210,401.10

* Denotes credit.

Income Account (Continued)

	1947
ROAD ENGINE SERVICE	
Train Enginemen—Freight	$ 522,067.26
Train Enginemen—Passenger	48,972.16
Train Enginemen—Adjustments	91.16
Train Enginemen—Total	571,130.58
Train Motormen—Freight	42,657.37
Train Motormen—Passenger	5,904.46
Train Motormen—Total	48,561.83
Train Fuel—Freight	1,121,930.67
Train Fuel—Passenger	196,572.29
Train Fuel—Total	1,318,502.96
Water for Train Locomotives	22,059.82
Lubricants for Train Locomotives	25,320.29
Other Supplies for Train Locomotives	22,143.20
Enginehouse Expenses—Train	245,328.05
Total	$ 2,253,046.73
TRAIN SERVICE	
Trainmen—Freight	$ 588,927.73
Trainmen—Passenger	79,886.40
Trainmen—Adjustment	181.79
Trainmen—Total	668,995.92
Train Supplies and Expenses—Ashley Planes	260,160.16
Train Supplies and Expenses—Other	236,858.00
Train Supplies and Expenses—Total	497,018.16
Total	$ 1,166,014.08
CASUALTIES	
Clearing Wrecks	$ 16,818.18
Damage to Property	400.92
Loss and Damage—Freight	84,537.63
Loss and Damage—Baggage	18.70
Injuries to Persons	21,956.47
Total	$ 123,731.90
MISCELLANEOUS	
Signal and Interlocker Operation	$ 175,101.10
Crossing Protection	197,180.07
Telegraph and Telephone Operation	36,419.69
Stationery and Printing	20,184.96
Other Expenses	1,646.83
Oper'g Joint Tracks and Facilities—Dr.	73,296.78
Oper'g Joint Tracks and Facilities—Cr.	25,637.07
Insurance	23,046.35
Total	$ 501,238.71
Total Transportation	$ 5,922,803.35
MISCELLANEOUS OPERATIONS	
Dining and Buffet Service	$ 33,808.31
Total Miscellaneous Operations	$ 33,808.31
GENERAL	
Salaries and Expenses of General Officers	$ 45,629.90
Salaries and Expenses of Clerks and Attendants	306,505.44
General Office Supplies and Expenses	14,783.30
Law Expenses	58,051.82
Insurance	91.06
Pensions	1,479.38
Stationery and Printing	16,223.74
Valuation Expenses	28.98
Other Expenses	14,668.63
General Joint Facilities—Cr.	1,110.78
Total General	$ 456,351.47
Total Operating Expenses	$11,729,707.19

Central Railroad Company of Pennsylvania

Income Account (Continued)

	1947
Net Revenue from Railway Operations	$ 6,480,288.36
Railway Tax Accruals:	
Federal Income	$ 9,091.31
Pay Rolls	653,846.56
Other	153,217.48
Total Taxes	$ 816,155.35
Hire of Equipment—Cr.	
Freight Cars	$ 2,318,014.41
Locomotives	87,057.10
Passenger-Train Cars	66,377.46
Work Equipment	2,495.97
Total	$ 2,473,944.94
Hire of Equipment—Dr.	
Freight Cars	$ 4,656.55
Locomotives	89,621.03
Passenger-Train Cars	97,955.26
Work Equipment	249.95
Total	$ 192,482.79
Hire of Equipment—Net	$ 2,281,462.15
Joint Facility Rent Income	$ 205,410.23
Joint Facility Rents	74,050.97
Joint Facility Rents—Net	$ 131,359.26
Net Railway Operating Income	$ 8,076,954.42
NON-OPERATING INCOME	
Miscellaneous Rent Income	$ 21,103.54
Miscellaneous Nonoper'g Phys. Property	2,389.35
Income from Unfunded Sec. and Accounts	12,732.07
Income from Sinking and Other Reserve Funds	437.50
Miscellaneous Income	2.10
Total Income	$ 8,113,618.98
MISCELLANEOUS DEDUCTIONS FROM INCOME	
Miscellaneous Rents	$ 59.00
Miscellaneous Tax Accruals	1,527.74
Miscellaneous Income Charges	4,784.49
Total	$ 6,371.23
Available for Fixed Charges	$ 8,107,247.75
FIXED CHARGES	
Rent for Leased Roads & Equipment	$ 5,566,579.73
Interest on Funded Debt	
Interest on Equipment Trust Bonds	121,667.68
Interest on Unfunded Debt	83.39
Amortization of Discount on Funded Debt	6,700.69
Total Fixed Charges	$ 5,695,031.49
Net Income	$ 2,412,216.26

Central Railroad Company of Pennsylvania

Transportation Statistics

Locomotive, Train, Car & Ton Mileage

	1947
TRAIN MILES	
Freight	990,780
Passenger	246,075
Total Revenue Service	1,236,855
Work	48,099
Total Train Miles	1,284,954
LOCOMOTIVE MILES	
Freight-Principal, Helper and Light	1,400,295
Passenger-Principal, Helper and Light	268,945
Yard Switching, Steam	532,245
Yard Switching, Diesel	204,506
Yard Switching, Total	736,751
Train Switching	224,826
Work	50,991
Total Locomotive Miles	2,681,808
CAR MILES	
Freight, Loaded	37,796,352
Freight, Empty	16,624,084
Freight, Caboose	975,522
Total Freight	55,395,958
Passenger	1,877,756
Total Revenue Service	57,273,714
Work	55,257
Total Car Miles	57,328,971
TON MILES (Thousands)	
Gross Ton Miles, Freight	2,730,181
Net Ton Miles, Freight	1,465,937
OPERATING PERFORMANCE	
MAINTENANCE:	
Cost of Maintenance of Way (Track Accounts Only) per Equivalent Track Mile	$ 2,269.77
Percent of Total Locomotives out of Service for Repairs	22.5
Percent of Total Passenger Cars out of Service for Repairs	8.7
Percent of Total Freight Cars out of Service for Repairs	2.8
Cost of Locomotive Repairs per Locomotive Mile, Classified	$ .163
Cost of Locomotive Repairs per Locomotive Mile, Running	$ .332
Cost of Locomotive Repairs per Locomotive Mile, Total	$ .495
FREIGHT TRAINS:	
Average Net Train Load	1,544
Average Gross Train Load	2,876
Average Train Speed	13.6
Gross Ton Miles per Train Hour	37,469
Pounds of Coal per 1,000 Gross Ton Miles	162
Cost of Fuel per 1,000 Gross Ton Miles	$ .469
Cost of Wages per 1,000 Gross Ton Miles	$ .421
PASSENGER TRAINS:	
Average Cars per Train	7.42
Cost of Fuel and Wages per Train Mile	$ 1.34

Transportation Statistics

OPERATING PERFORMANCE—Continued

		1947
FREIGHT CARS:		
Net Tons per Loaded Car		38.8
Percent Net to Gross		53.7
Percent Loaded to Total Car Mile		69.5
Car Miles per Car Day (of Cars in Service)		32.1
Net Ton Miles per Car Day (of Cars in Service)		804
LOCOMOTIVES:		
Pounds of Coal per Locomotive Mile, Freight		246
Pounds of Coal per Locomotive Mile, Passenger		207
Pounds of Coal per Locomotive Mile, Yard		137
Locomotive Miles per Train Mile, Freight		1.41
Locomotive Miles per Train Mile, Passenger		1.09
ENGINE HOUSE:		
Cost per Engine Handled	$	9.03

REVENUE TRAFFIC STATISTICS

PASSENGER:		
Passengers		317,214
Passengers One Mile		9,265,511
Revenue per Passenger	$	.70
Revenue per Passenger Mile	$	.024
Average Haul per Passenger		29.2
FREIGHT:		
Tons		29,968,686
Tons One Mile		1,452,637,839
Average Revenue per Ton	$	.59
Average Revenue per Ton Mile	$	.012
Average Haul per Ton		48.5

Additions and Betterments

Year Ended December 31, 1947 ROAD OWNED AND LEASED	Gross Capital Charges	Retirements	Net Capital Charges
Rail and Other Track Material			
Betterment of Rail and Other Track Material	$ 47,109.38		$ 47,109.38
Shop Buildings, Enginehouses and Appurtenances			
Install facilities for servicing Diesel Locomotives, Bethlehem, Pa.	7,331.49		7,331.49
Construction of cinder handling plant, Mauch Chunk, Pa.	23,322.19		23,322.19
Shop Machinery and Tools			
Purchase of machinery and tools for Engine Terminal, Bethlehem, Pa.	40,811.49		40,811.49
Miscellaneous	12,121.91		12,121.91
Total Road Owned and Leased	$ 130,696.46		$ 130,696.46
EQUIPMENT:			
Additions and Betterments			
Purchase of 5 freight Diesel locomotives	$2,172,748.52		$2,172,748.52
Purchase 1,250 new box cars	4,647,487.19		4,647,487.19
Changing 20 box cars for use in passenger service	14,938.45		14,938.45
Retired Equipment			
Freight Train Cars		$3,275.81	*3,275.81
Total Equipment	$6,835,174.16	$3,275.81	$6,831,898.35
Grand Total	$6,965,870.62	$3,275.81	$6,962,594.81

Projects have been classified under the heading most descriptive of the nature of the work and of the major portion of the expenditure.

* Denote Credits

Equipment

LOCOMOTIVES	Number	December 31, 1947		
		Average Weight (Tons)		Average Tractive Power
		Total	On Drivers	
Oil Electric	10 "A"	114.5	114.5	57,225
Freight	5 "B"	111.2	111.2	55,600
Total	15	1700.5	1700.5	850,250
Average		113.4	113.4	56,683

FREIGHT CARS	December 31, 1947	
	Number	Capacity (Tons)
Coal	500	25,000
Gondola Steel	999	69,930
Flat	100	7,000
Box	952	47,600
Box Express	20	1,000
Total	2,571	150,530

Miles of Road and Track Operated – December 31, 1947

	Owned		Leased		Trackage Rights		Total		
	Main Line	Branches	Main Line	Branches	Main Line	Branches	Main Line	Branches	All
Miles of Road Operated	4.43	.06	109.38	75.76	9.66	13.41	123.47	89.23	212.70
Second Main Track			92.12	10.54	9.66	5.95	101.78	16.49	118.27
Other Main Tracks			4.80			.62	4.80	.62	5.42
Passing Tracks, Crossovers and Turnouts			16.63	.34		1.00	16.63	1.34	17.97
Way Switching Tracks			30.90	29.80		2.35	30.90	32.15	63.05
Yard Switching Tracks	.21	.04	127.11	25.89		11.70	127.32	37.63	164.95
Total Tracks Operated	4.64	.10	380.94	142.33	19.32	35.03	404.90	177.46	582.36

Carload Revenue Freight Traffic

COMMODITY	1947		
	Carloads	Tons	Gross Revenue (Dollars)
PRODUCTS OF AGRICULTURE			
Wheat	801	41,891	27,685
Corn	1,961	95,591	37,575
Oats	1,143	44,026	20,658
Flour, wheat	2,063	76,012	30,075
Flour, edible, N.O.S.	1,508	53,909	26,467
Mill products, N.O.S.	2,454	84,310	43,167
Potatoes, other than sweet	2,850	63,709	41,906
Malt, N.O.S.	2,300	97,451	59,170
Other products of agriculture	7,744	187,649	104,766
Total	22,824	744,548	391,469
ANIMALS AND PRODUCTS			
Meats, fresh N.O.S.	2,358	30,485	46,759
Other animals and products	6,247	125,716	121,650
Total	8,605	156,201	168,409
PRODUCTS OF MINES			
Anthracite coal, N.O.S.	102,612	5,979,521	5,469,213
Anthracite coal to breakers and washeries	24,314	1,537,962	135,040
Bituminous coal	155,492	9,069,329	2,610,802
Iron Ore	8,088	478,221	101,506
Zinc ore, and concentrates	10,265	502,708	200,188
Ores and concentrates, N.O.S.	3,879	216,285	96,568
Clay and bentonite	2,026	84,344	27,940
Sand, industrial	2,185	112,696	43,972
Gravel and sand, N.O.S.	3,351	190,878	80,530
Stone and rock: Broken, ground, and crushed	8,534	472,656	189,646
Asphalt	2,896	109,409	93,050
Salt	2,465	114,485	74,368
Other products of mines	7,217	315,244	173,785
Total	333,324	19,183,738	9,296,608

Carload Revenue Freight Traffic (Continued)

COMMODITY	1947 Carloads	Tons	Gross Revenue (Dollars)
PRODUCTS OF FORESTS			
Lumber, shingles and lath	9,393	302,696	131,379
Other products of forests	4,376	110,427	63,267
Total	13,769	413,123	194,646
MANUFACTURES AND MISCELLANEOUS			
Fuel, road, and petroleum residual oils, N.O.S.	5,298	173,410	158,952
Lubricating oils, and greases	7,375	197,847	190,943
Petroleum products, refined, N.O.S.	6,910	200,177	203,975
Chemicals, N.O.S.	9,059	283,451	226,440
Sodium (soda) products	6,632	272,406	171,939
Fertilizers, N.O.S.	4,665	180,398	118,856
Paint, paint material, putty and varnish	4,988	150,363	164,550
Copper: Ingot, matte, and pig	2,072	108,419	59,672
Copper, brass, and bronze, N.O.S.	3,541	103,120	123,758
Lead and zinc: Bar, ingot, and pig	2,169	104,540	55,132
Manufactured iron and steel	24,847	843,304	843,959
Cement: Natural and portland	27,816	1,369,636	751,333
Cement, N.O.S.	2,745	123,046	74,001
Woodpulp	2,612	105,027	62,898
Newsprint paper	8,251	230,558	196,989
Printing paper, N.O.S.	4,321	123,134	95,758
Paperboard, fibreboard, and pulpboard	7,140	185,594	92,273
Glass bottles, jars and packing glass, N.O.S.	7,401	162,062	115,945
Liquors, malt	5,129	149,111	138,872
Food products, N.O.S., in cans and packages, not frozen	4,732	132,961	95,439
Feed, animal and poultry, N.O.S.	6,222	195,997	105,546
Scrap iron and scrap steel	13,438	500,375	349,373
Waste materials for remelting, N.O.S.	3,456	130,234	91,306
Waste materials, N.O.S.	5,526	252,211	141,292
Other manufactures and miscellaneous	119,017	2,866,980	2,489,844
Total	295,362	9,144,361	7,119,045
FORWARDER TRAFFIC (C.L.)			
Forwarder Traffic (C.L.)	1,917	32,452	70,256
Grand Total, Carload Traffic	675,801	29,674,423	17,240,433
Less than Carload Freight	x x x	294,263	613,856
Grand Total, Carload and L.C.L. Traffic	x x x	29,968,686	17,854,289

Wharton and Northern Railroad Company

Carload Revenue Freight Traffic

COMMODITY	1947 Carloads	1947 Tons	1947 Gross Revenue (Dollars)	1946 Carloads	1946 Tons	1946 Gross Revenue (Dollars)
Total Products of Agriculture	48	1,153	636	96	2,753	1,023
Total Animals and Products	92	2,112	1,213	54	1,492	592
Total Products of Mines	1,800	98,248	40,017	968	49,993	18,237
Total Products of Forests	269	8,273	4,140	272	7,750	3,127
Total Manufacturers and Miscellaneous	12,435	408,630	220,325	13,205	408,582	227,666
Grand Total, Carload Traffic	14,644	518,416	266,331	14,595	470,570	250,645
Less than Carload Freight	-	3,332	7,702	-	4,259	9,595
Grand Total, Carload and L. C. L. Traffic	14,644	521,748	274,033	14,595	474,829	260,240

Equipment

LOCOMOTIVES	Number	December 31, 1947 Average Weight (Tons) Total	 On Drivers	Average Tractive Power
Oil Electric Passenger	3	127.0	127.0	63,500
Total	3	381.0	381.0	190,500
Average		127.0	127.0	63,500

WORK EQUIPMENT	Number December 31, 1947
Work Cars	10

Miles of Road and Track Operated — December 31, 1947

	Owned Main Line	 Branches	Leased Main Line	 Branches	Trackage Rights Main Line	 Branches	Total Main Line	 Branches	 All
Miles of Road Operated	13.42	1.27				1.21			15.90
Way Switching Tracks	2.13								2.13
Total Tracks Operated	15.55	1.27				1.21			18.03

Additions and Betterments

Year Ended December 31, 1947

ROAD OWNED AND LEASED	Gross Capital Charges	Retirements	Net Capital Charges
Rail and Other Track Material			
Betterment of Rail and Other Track Material	$ 12,571.08		$ 12,571.08
Equipment			
Purchase of 1 Diesel Electric Passenger Locomotive	180,025.00		180,025.00
Miscellaneous	8,843.86		8,843.86
Grand Total	$201,439.94		$201,439.94

Mount Hope Mineral Railroad Company

Miles of Road and Track Operated – December 31, 1947

	Owned		Leased		Trackage Rights		Total		
	Main Line	Branches	Main Line	Branches	Main Line	Branches	Main Line	Branches	All
Miles of Road Operated	3.42								3.42
Way Switching Tracks	.34								.34
Total Tracks Operated	3.76								3.76

Carload Revenue Freight Traffic

COMMODITY	Carloads	Tons	Cross Revenue (Dollars)
Products of Mines	5,235	314,249	55,984
Manufactures and Miscellaneous	-	-	-
Grand Total Carload Traffic	5,235	314,249	55,984
Less than Carload Traffic	-	35	87
Grand Total, Carload and L.C.L. Traffic	5,235	314,284	56,071

Jersey Central Lines

Weight of Rail in Main Tracks

	1st Main Track Miles		2nd Main Track Miles		Other Main Track Miles		Total
WEIGHT PER YARD	Main Line	Branch Line	Main Line	Branch Line	Main Line	Branch Line	
135 pounds	4.25	5.28		3.30	2.22	1.02	16.07
131 pounds	29.34	5.36	35.22	3.50	18.01	.06	91.49
130 pounds	147.42	41.88	126.57	22.14	66.04	5.35	409.40
100 pounds	54.07	123.01	4.92	8.22	10.59	.21	201.02
90 pounds	42.76	74.09		.65	1.33		118.83
85 pounds	11.60	11.52					23.12
80 pounds		4.20		.62			4.82
76 pounds		2.42					2.42
70 pounds		12.32					12.32
67-1/2 pounds		2.82					2.82
66 pounds		.06					.06
62-1/2 pounds		.33					.33
60 pounds	.32						.32
Total	289.76	283.29	166.71	38.43	98.19	6.64	883.02